

FORM PTO-1449/A and B (modified PTO/SB/08)		APPLICATION NO.: 10/627,413	ATTY. DOCKET NO.: C1039.70079US00
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE: July 25, 2003	CONFIRMATION NO.: 3204
		APPLICANT: Krieg et al.	
SEARCHED S- 10/15/07	of 11	GROUP ART UNIT: 1648	EXAMINER: Emily M. Le

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U.S. PATENT DOCUMENTS

Examiner's Initials SEARCHED S- 10/15/07	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or Issue of Cited Document MM-DD-YYYY
	Number	Kind Code		
	5,457,189		Crooke et al.	10-10-1995
	5,567,604		Rando et al.	10-22-1996
	5,665,580		Crooke et al.	09-09-1997
	5,681,944		Crooke et al.	10-28-1997
	5,858,987		Beer-Romero et al.	01-12-1999
	6,221,882	B1	Macfarlane	04-24-2001
	6,399,630	B1	Macfarlane	06-04-2002
	6,479,504	B1	Macfarlane et al.	11-12-2002
	6,521,637	B2	Macfarlane	02-18-2003
	6,589,940	B1	Raz et al.	07-08-2003
	6,727,230	B1	Hutcherson et al.	04-27-2004
	6,821,957	B1	Krieg et al.	11-23-2004
	6,943,240	B2	Bauer et al.	09-13-2005
	6,949,520	B1	Hartmann et al.	09-27-2005
	7,001,890	B1	Wagner et al.	02-21-2006
	7,223,741	B2	Krieg	05-29-2007
	7,271,156	B2	Krieg et al.	07-18-2007
	2001-0044416	A1	McCluskie et al.	11-22-2001
	2002-0086839	A1	Raz et al.	07-11-2002
	2002-0091097	A1	Bratzler et al.	07-11-2002
	2002-0164341	A1	Davis et al.	11-07-2002
	2002-0165178	A1	Schetter et al	11-07-2002
	2002-0198165	A1	Bratzler et al.	12-26-2002
	2003-0026782	A1	Krieg	02-02-2003
	2003-0026801	A1	Weiner et al.	02-06-2003
	2003-0050268	A1	Krieg et al.	03-13-2003
	2003-0055014	A1	Bratzler	03-20-2003
	2003-0091599	A1	Davis et al.	05-15-2003
	2003-0100527	A1	Krieg et al.	05-29-2003
	2003-0139364	A1	Krieg et al.	07-24-2003
	2003-0148316	A1	Lipford et al.	08-07-2003
	2003-0148976	A1	Krieg et al.	08-07-2003

EXAMINER: /E.L./	DATE CONSIDERED: 02/18/2008
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	2003-0166001	A1	Lipford	09-04-2003
	2003-0181406	A1	Schetter et al.	09-25-2003
	2003-0191079	A1	Krieg et al.	10-09-2003
	2003-0224010	A1	Davis et al.	12-04-2003
	2003-0232074	A1	Lipford et al.	12-18-2003
	2003-0232856	A1	Macfarlane	12-18-2003
	2003-0232780	A1	Carson et al.	12-18-2003
	2004-0006010	A1	Carson et al.	01-08-2004
	2004-0006034	A1	Raz et al.	01-08-2004
	2004-0009949	A1	Krieg	01-15-2004
	2004-0030118	A1	Wagner et al.	02-12-2004
	2004-0053880	A1	Krieg	03-18-2004
	2004-0067902	A9	Bratzler et al.	04-08-2004
	2004-0067905	A1	Krieg	04-08-2004
	2004-0087534	A1	Krieg et al.	05-06-2004
	2004-0087538	A1	Krieg et al.	05-06-2004
	2004-0092472	A1	Krieg	05-13-2004
	2004-0106568	A1	Krieg et al.	06-03-2004
	2004-0115219	A1	Ahn et al.	06-17-2004
	2004-0131628	A1	Bratzler et al.	07-08-2004
	2004-0132685	A1	Krieg et al.	07-08-2004
	2004-0142469	A1	Krieg et al.	07-22-2004
	2004-0143112	A1	Krieg et al.	07-22-2004
	2004-0147468	A1	Krieg et al.	07-29-2004
	2004-0152649	A1	Krieg	08-05-2004
	2004-0152656	A1	Krieg et al.	08-05-2004
	2004-0152657	A1	Krieg et al.	08-05-2004
	2004-0162258	A1	Krieg et al.	08-19-2004
	2004-0162262	A1	Krieg et al.	08-19-2004
	2004-0167089	A1	Krieg et al.	08-26-2004
	2004-0171150	A1	Krieg et al.	09-02-2004
	2004-0171571	A1	Krieg et al.	09-02-2004
	2004-0181045	A1	Krieg et al.	09-16-2004
	2004-0198680	A1	Krieg	10-07-2004
	2004-0198688	A1	Krieg et al.	10-07-2004
	2004-0229835	A1	Krieg et al.	11-18-2004

EXAMINER: /E.L./	DATE CONSIDERED: 02/18/2008
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	2004-0234512	A1	Wagner et al.	11-25-2004
	2004-0235770	A1	Davis et al.	11-25-2004
	2004-0235774	A1	Bratzler et al.	11-25-2004
	2004-0235777	A1	Wagner et al.	11-25-2004
	2004-0235778	A1	Wagner et al.	11-25-2004
	2004-0266719	A1	McCluskie et al.	12-30-2004
	2005-0004061	A1	Krieg et al.	01-06-2005
	2005-0004062	A1	Krieg et al.	01-06-2005
	2005-0009774	A1	Krieg et al.	01-13-2005
	2005-0031638	A1	Dalemans et al.	02-10-2005
	2005-0032734	A1	Davis et al.	02-10-2005
	2005-0032736	A1	Krieg et al.	02-10-2005
	2005-0037403	A1	Krieg et al.	02-17-2005
	2005-0037985	A1	Krieg et al.	02-17-2005
	2005-0043529	A1	Davis et al.	02-24-2005
	2005-0049215	A1	Krieg et al.	03-03-2005
	2005-0049216	A1	Krieg et al.	03-03-2005
	2005-0054601	A1	Wagner et al.	03-10-2005
	2005-0054602	A1	Krieg et al.	03-10-2005
	2005-0059619	A1	Krieg et al.	03-17-2005
	2005-0059625	A1	Krieg et al.	03-17-2005
	2005-0070491	A1	Krieg et al.	03-31-2005
	2005-0075302	A1	Hutcherson et al.	04-07-2005
	2004-0092468	A1	Schwartz et al.	05-13-2004
	2005-0100983	A1	Bauer et al.	05-12-2005
	2005-0101554	A1	Krieg et al.	05-12-2005
	2005-0101557	A1	Krieg et al.	05-12-2005
	2005-0119273	A1	Lipford et al.	06-02-2005
	2005-0123523	A1	Krieg et al.	06-09-2005
	2005-0130911	A1	Uhlmann et al.	06-16-2005
	2005-0148537	A1	Krieg et al.	07-07-2005
	2005-0169888	A1	Hartman et al.	08-04-2005
	2005-0171047	A1	Krieg et al.	08-04-2005
	2005-0181422	A1	Bauer et al.	08-18-2005
	2005-0182017	A1	Krieg	08-18-2005
	2005-0197314	A1	Krieg et al.	09-08-2005

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	2005-0215501	A1	Lipford et al.	09-29-2005
	2005-0233995	A1	Krieg et al.	10-20-2005
	2005-0233999	A1	Krieg et al.	10-20-2005
	2005-0239732	A1	Krieg et al.	10-27-2005
	2005-0239733	A1	Jurk et al.	10-27-2005
	2005-0239734	A1	Uhlmann et al.	10-27-2005
	2005-0239736	A1	Krieg et al.	10-27-2005
	2005-0244379	A1	Krieg et al.	11-03-2005
	2005-0244380	A1	Krieg et al.	11-03-2005
	2005-0245477	A1	Krieg et al.	11-03-2005
	2005-0250726	A1	Krieg et al.	11-10-2005
	2005-0256073	A1	Lipford et al.	11-17-2005
	2005-0267064	A1	Krieg et al.	12-01-2005
	2005-0277604	A1	Krieg et al.	12-15-2005
	2005-0277609	A1	Krieg et al.	12-15-2005
	2006-0003955	A1	Krieg et al.	01-05-2006
	2006-0003962	A1	Ahluwalia et al.	01-05-2006
	2006-0019916	A1	Krieg et al.	01-26-2006
	2006-0019923	A1	Davis et al.	01-26-2006
	2006-0058251	A1	Krieg et al.	03-16-2006
	2006-0089326	A1	Krieg et al..	04-27-2006
	2006-0094683	A1	Krieg et al.	05-04-2006
	2006-0140875	A1	Krieg et al.	06-29-2006
	2006-0154890	A1	Bratzler et al.	07-13-2006
	2006-0172966	A1	Lipford et al.	08-03-2006
	2006-0188913	A1	Krieg et al.	08-24-2006
	2006-0211639	A1	Bratzler et al.	09-21-2006
	2006-0211644	A1	Krieg et al.	09-21-2006
	2006-0229271	A1	Krieg et al.	10-12-2006
	2006-0241076	A1	Uhlmann et al.	10-26-2006
	2006-0246035	A1	Ahluwalia et al.	11-02-2006
	2006-0286070	A1	Hartmann et al.	12-21-2006
	2006-0287263	A1	Davis et al.	12-21-2006
	2007-0009482	A1	Krieg et al.	01-11-2007
	2007-0010470	A1	Krieg et al.	01-11-2007
	2007-0037767	A1	Bratzler et al.	02-15-2007

EXAMINER: /E.L./	DATE CONSIDERED: 02/18/2008
-------------------------	------------------------------------

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	2007-0065467	A1	Krieg et al.	03-22-2007
	2007-0066553	A1	Krieg et al.	03-22-2007
	2007-0066554	A1	Krieg et al.	03-22-2007
	2007-0078104	A1	Krieg et al.	04-05-2007
	2007-0129320	A9	Davis et al.	06-07-2007
	2007-0142315	A1	Forsbach et al.	06-21-2007
	2007-0184465	A1	Wagner et al.	08-09-2007
	2007-0202128	A1	Krieg et al.	08-30-2007
	2007-0224210	A1	Krieg et al.	09-27-2007
	2007-0232622	A1	Lipford et al.	10-04-2007

FOREIGN PATENT DOCUMENTS

Examiner's Initials [#]	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
*	WO	99/56755	A1		University of Iowa Research Foundation	11-11-1999	
*	WO	00/06588	A1		University of Iowa Research Foundation	02-10-2000	
*	WO	00/14217	A2		CPG Immunopharmaceuticals GMBH	03-16-2000	
*	WO	00/67023	A1		CPG Immunopharmaceuticals GMBH	11-09-2000	
*	WO	2004/007743	A2		Coley Pharmaceutical GMBH	01-22-2004	
*	WO	2004/026888	A2		Coley Pharmaceutical GMBH	04-01-2004	
*	WO	2004/094671	A2		Coley Pharmaceutical GMBH	11-04-2004	
*	WO	2006/080946	A2		Coley Pharmaceutical GMBH	08-03-2006	
*	WO	2007/031877	A2		Coley Pharmaceutical GMBH	03-22-2007	
*	WO	2007/038720	A2		Coley Pharmaceutical GMBH	04-05-2007	

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials [#]	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
*		Press Release, January 2007, "Coley Pharmaceutical Group Updates Hepatitis C Drug Development Strategy".	
*		Press Release, June 2007, "Coley Pharmaceutical Group Announces Pfizer's Discontinuation of Clinical Trials for PF-3512676 Combined with Cytotoxic Chemotherapy in Advanced Non Small Cell Lung Cancer".	
*		AGRAWAL et al., Medicinal chemistry and therapeutic potential of CpG DNA. Trends Mol Med. 2002 Mar;8(3):114-21.	
*		ANITESCU et al., Interleukin-10 functions in vitro and in vivo to inhibit bacterial DNA-induced secretion of interleukin-12. J Interferon Cytokine Res. 1997 Dec;17(12):781-8.	

EXAMINER: /E.L./	DATE CONSIDERED: 02/18/2008
-------------------------	------------------------------------

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Sheet	6	of	11	
*	BRANDA et al., B-cell proliferation and differentiation in common variable immunodeficiency patients produced by an antisense oligomer to the rev gene of HIV-1. <i>Clin Immunol Immunopathol.</i> 1996 May;79(2):115-21.			
*	CHACE et al., Bacterial DNA-induced NK cell IFN-gamma production is dependent on macrophage secretion of IL-12. <i>Clin Immunol Immunopathol.</i> 1997 Aug;84(2):185-93.			
*	COSSUM et al., Disposition of the 14C-labeled phosphorothioate oligonucleotide ISIS 2105 after intravenous administration to rats. <i>J Pharmacol Exp Ther.</i> 1993 Dec;267(3):1181-90.			
*	COWSERT et al., In vitro evaluation of phosphorothioate oligonucleotides targeted to the E2 mRNA of papillomavirus: potential treatment for genital warts. <i>Antimicrob Agents Chemother.</i> 1993 Feb;37(2):171-7.			
	FIELDS et al., <i>Fields' Virology.</i> 2001;1:1153.			
*	HSIEH et al., Incorporation of CpG oligodeoxynucleotide fails to enhance the protective efficacy of a subunit vaccine against <i>Mycobacterium tuberculosis</i> . <i>Vaccine.</i> 2004 Jan 26;22(5-6):655-9.			
*	KATAOKA et al., Immunotherapeutic potential in guinea-pig tumor model of deoxyribonucleic acid from <i>Mycobacterium bovis</i> BCG complexed with poly-L-lysine and carboxymethylcellulose. <i>Jpn J Med Sci Biol.</i> 1990 Oct;43(5):171-82.			
*	KOVARIK et al., CpG oligodeoxynucleotides can circumvent the Th2 polarization of neonatal responses to vaccines but may fail to fully redirect Th2 responses established by neonatal priming. <i>J Immunol.</i> 1999 Feb 1;162(3):1611-7.			
*	KRIEG et al., Lymphocyte activation mediated by oligodeoxynucleotides or DNA containing novel un-methylated CpG motifs. <i>American College of Rheumatology 58th National Scientific Meeting.</i> Minneapolis, Minnesota, October 22, 1994. Abstracts. <i>Arthritis Rheum.</i> 1994 Sep;37(9 Suppl).			
*	KRIEG et al., Bacterial DNA or oligonucleotides containing CpG motifs protect mice from lethal <i>L. monocytogenes</i> challenge. <i>1996 Meeting on Molecular Approaches to the Control of Infectious Diseases.</i> Cold Spring Harbor Laboratory, September 9-13, 1996:116.			
*	KRIEG et al., Unmethylated CpG DNA protects mice from lethal <i>listeria monocytogenes</i> challenge. <i>Vaccines.</i> 1997; 9:77-9.			
*	KRIEG et al., <i>Infection.</i> In: McGraw Hill Book. 1996:242-3.			
*	KRIEG et al., Lymphocyte activation by CpG dinucleotide motifs in prokaryotic DNA. <i>Trends Microbiol.</i> 1996 Feb;4(2):73-6.			
*	KRIEG et al., Induction of systemic TH1-like innate immunity in normal volunteers following subcutaneous but not intravenous administration of CPG 7909, a synthetic B-class CpG oligodeoxynucleotide TLR9 agonist. <i>J Immunother.</i> 2004 Nov-Dec;27(6):460-71.			
*	KRIEG, Therapeutic potential of Toll-like receptor 9 activation. <i>Nat Rev Drug Discov.</i> 2006 Jun;5(6):471-84.			
*	KULKARNI et al., Effect of dietary nucleotides on response to bacterial infections. <i>JPN J Parenter Enteral Nutr.</i> 1986 Mar-Apr;10(2):169-71.			
*	KURAMOTO et al., Induction of T-cell-mediated immunity against MethA fibrosarcoma by intratumoral injections of a bacillus Calmette-Guerin nucleic acid fraction. <i>Cancer Immunol Immunother.</i> 1992;34(5):283-8.			
*	KURAMOTO et al., Changes of host cell infiltration into Meth A fibrosarcoma tumor during the course of regression induced by injections of a BCG nucleic acid fraction. <i>Int J Immunopharmacol.</i> 1992 Jul;14(5):773-82.			

EXAMINER:	DATE CONSIDERED:
-----------	------------------

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		APPLICANT: Krieg et al.	
		GROUP ART UNIT: 1648	EXAMINER: Emily M. Le
Sheet	7	of	11

*	KURAMOTO et al., In situ infiltration of natural killer-like cells induced by intradermal injection of the nucleic acid fraction from BCG. <i>Microbiol Immunol.</i> 1989;33(11):929-40.		
*	LIU et al., Recombinant interleukin-6 protects mice against experimental bacterial infection. <i>Infect Immun.</i> 1992 Oct;60(10):4402-6.		
*	PISETSKY et al., Immunological properties of bacterial DNA. <i>Ann N Y Acad Sci.</i> 1995 Nov 27;772:152-63.		
*	RANKIN et al., CpG motif identification for veterinary and laboratory species demonstrates that sequence recognition is highly conserved. <i>Antisense Nucleic Acid Drug Dev.</i> 2001 Oct;11(5):333-40.		
*	RAZ et al., Potential role of immunostimulatory DNA sequences (ISS) in genetic immunization and autoimmunity. <i>ACR Poster Session C: Cytokines and Inflammatory Mediators.</i> 1996 Oct 20; Abstract 615.		
*	SATOH et al., The study of mechanisms in CpG oligodeoxynucleotides-induced aggravation in murine allergic contact dermatitis to 2,4-dinitrofluorobenzene. <i>Fukushima Igaku Zasshi.</i> 2002;52(3):237-50.		
*	SONEHARA et al., Hexamer palindromic oligonucleotides with 5'-CG-3' motif(s) induce production of interferon. <i>J Interferon Cytokine Res.</i> 1996 Oct;16(10):799-803.		
*	STEIN et al., Problems in interpretation of data derived from in vitro and in vivo use of antisense oligodeoxynucleotides. <i>Antisense Res Dev.</i> 1994 Summer;4(2):67-9.		
*	STEIN et al., Non-antisense effects of oligodeoxynucleotides. <i>Antisense Technology.</i> 1997; ch11: 241-64.		
*	STEIN et al., Antisense oligonucleotides as therapeutic agents—is the bullet really magical? <i>Science.</i> 1993 Aug 20;261(5124):1004-12.		
*	THREADGILL et al., Mitogenic synthetic polynucleotides suppress the antibody response to a bacterial polysaccharide. <i>Vaccine.</i> 1998 Jan;16(1):76-82.		
*	WAAG et al., Injection of inactivated phase I <i>Coxiella burnetii</i> increases non-specific resistance to infection and stimulates lymphokine production in mice. <i>Ann N Y Acad Sci.</i> 1990;590:203-14.		
*	YAMAMOTO et al., [Commemorative lecture of receiving Imamura Memorial Prize. II. Mode of action of oligonucleotide fraction extracted from <i>Mycobacterium bovis</i> BCG] <i>Kekkaku.</i> 1994 Sep;69(9):571-4. Japanese.		
*	ZHAO et al., Pattern and kinetics of cytokine production following administration of phosphorothioate oligonucleotides in mice. <i>Antisense Nucleic Acid Drug Dev.</i> 1997 Oct;7(5):495-502.		
*	Patent Interference No. 105,171. Iowa Preliminary Motion 3 (for judgment based on failure to comply with 35 U.S.C. 135(b)). (Electronically filed, unsigned). June 7, 2004.		
*	Patent Interference No. 105,171. Iowa Preliminary Motion 4 (for judgment of no interference in fact). (Electronically filed, unsigned). June 7, 2004.		
*	Patent Interference No. 105,171. Iowa Preliminary Motion 5 (for judgment based on lack of enablement). (Electronically filed, unsigned). June 7, 2004.		
*	Patent Interference No. 105,171. Iowa Preliminary Motion 6 (for judgment based on lack of adequate written description). (Electronically filed, unsigned). June 7, 2004.		
*	Patent Interference No. 105,171. Iowa Preliminary Motion 7 (motion to redefine interference to designate claims as not corresponding to the Count). (Electronically filed, unsigned). June 7, 2004.		

EXAMINER:	DATE CONSIDERED:
-----------	------------------

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*	Patent Interference No. 105,171. Iowa Preliminary Motion 8 (contingent motion to redefine the Count). (Electronically filed, unsigned). June 7, 2004.	
*	Patent Interference No. 105,171. Iowa Preliminary Motion 9 (motion for benefit of earlier application). (Electronically filed, unsigned). June 7, 2004.	
*	Patent Interference No. 105,171. Iowa Preliminary Motion 10 (contingent motion to redefine the interference by adding a continuation application). (Electronically filed, unsigned). July 2, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Opposition 3 (to Iowa Preliminary Motion 3 for judgment under 35 USC 135(b)). September 9, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Opposition 4 (to Iowa Preliminary Motion 4 for judgment of no interference in fact). September 9, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Opposition 5 (to Iowa Preliminary Motion 5 for judgment that UC's claim is not enabled). September 9, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Opposition 6 (to Iowa Preliminary Motion 6 for judgment based on lack of adequate written description). September 9, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Opposition 7 (to Iowa Preliminary Motion 7 to redefine the interference). September 9, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Opposition 8 (to Iowa Preliminary Motion 8 to redefine the Count). September 9, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Response 9 (to Iowa Contingent Motion 9 for benefit). September 9, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Opposition 10 (to Iowa Contingent Motion 10 to redefine the interference). September 9, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Opposition 11 (to Iowa Contingent Motion 11 to suppress). October 15, 2004.	
*	Patent Interference No. 105,171. Iowa Reply 3 (in support of Iowa Preliminary Motion 3 for judgment under 35 U.S.C. §135(b)) (Electronically filed, unsigned). October 15, 2004.	
*	Patent Interference No. 105,171. Iowa Reply 4 (in support of Iowa Preliminary Motion for judgment of no interference in fact) (Electronically filed, unsigned). October 15, 2004.	
*	Patent Interference No. 105,171. Iowa Reply 5 (in support of Iowa Preliminary Motion 5 for judgment that UC's claim 205 is not enabled) (Electronically filed, unsigned). October 15, 2004.	
*	Patent Interference No. 105,171. Iowa Reply 6 (in support of Iowa Preliminary Motion 6 for judgment based on lack of adequate written description) (Electronically filed, unsigned). October 15, 2004.	
*	Patent Interference No. 105,171. Iowa Reply 7 (in support of Iowa Preliminary Motion 7 to redefine the interference) (Electronically filed, unsigned). October 15, 2004.	
*	Patent Interference No. 105,171. Iowa Reply 8 (in support of Iowa Preliminary Motion 8 to redefine the count) (Electronically filed, unsigned). October 15, 2004.	
*	Patent Interference No. 105,171. Iowa Reply 10 (in support of Iowa Preliminary Motion 10 to redefine the interference) (Electronically filed, unsigned). October 15, 2004.	
*	Patent Interference No. 105,171. Iowa Reply 11 (in support of Iowa Miscellaneous Motion to suppress). (Electronically filed, unsigned). October 18, 2004.	

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FORM PTO-1449/A and B (modified PTO/SB/08) INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICATION NO.:	10/627,413	ATTY. DOCKET NO.:	C1039.70079US00
		FILING DATE:	July 25, 2003	CONFIRMATION NO.:	3204
		APPLICANT:	Krieg et al.		
		GROUP ART UNIT:	1648	EXAMINER:	Emily M. Le
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*	Patent Interference No. 105,171. Regents of the University of California Preliminary Statement. June 7, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Preliminary Motion 1 (to designate additional claims of Iowa patent as corresponding to the Count). June 7, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Preliminary Motion 2 (for judgment based on lack of written description support and introducing new matter). June 7, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Preliminary Motion 3 (for judgment based on anticipation). June 7, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Preliminary Motion 4 (for judgment based on obviousness). June 7, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Preliminary Motion 5 (for judgment based on anticipation). June 7, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Preliminary Motion 6 (for judgment based on inequitable conduct). June 7, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Contingent Preliminary Motion 7 (for benefit of an earlier application under 37 CFR 1.633(i)). July 2, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Contingent Preliminary Motion 8 (to add additional claims under 37 CFR 1.633(c)(2) and (i)). July 2, 2004.	
*	Amended Claims for Application Number 09/265,191, filed March 10, 1999.	
*	Patent Interference No. 105,171. Iowa Opposition 1 (opposition to motion to designate additional claims as corresponding to the Count) (Electronically filed, unsigned). September 9, 2004.	
*	Patent Interference No. 105,171. Iowa Opposition 2 (opposition to motion for judgment based on lack of written description support and introducing new matter) (Electronically filed, unsigned). September 9, 2004.	
*	Patent Interference No. 105,171. Iowa Opposition 3 (opposition to motion for judgment based on anticipation) (Electronically filed, unsigned). September 9, 2004.	
*	Patent Interference No. 105,171. Iowa Opposition 4 (opposition to motion for judgment based on obviousness) (Electronically filed, unsigned). September 9, 2004.	
*	Patent Interference No. 105,171. Iowa Opposition 5 (opposition to motion for judgment based on anticipation) (Electronically filed, unsigned). September 9, 2004.	
*	Patent Interference No. 105,171. Iowa Opposition 6 (opposition to motion for judgment based on inequitable conduct) (Electronically filed, unsigned). September 9, 2004.	
*	Patent Interference No. 105,171. Iowa Opposition 7 (opposition to motion for benefit of an earlier application under 7 CFR 1.633(j)) (Electronically filed, unsigned). September 9, 2004.	
*	Patent Interference No. 105,171. Iowa Opposition 8 (opposition to motion to add additional claims under 37 CFR 1.633 (2) and (i)) (Electronically filed, unsigned). September 9, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Reply 1 (to Iowa's opposition to UC's motion to designate Iowa claims as corresponding to the Count). October 15, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Reply 2 (to Iowa's opposition to UC Preliminary Motion 2 for Judgment). October 15, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Reply 3 (to Iowa's Opposition to UC Preliminary Motion 3 for Judgment). October 15, 2004.	

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FORM PTO-1449/A and B (modified PTO/SB/08)		APPLICATION NO.: 10/627,413	ATTY. DOCKET NO.: C1039.70079US00
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE: July 25, 2003	CONFIRMATION NO.: 3204
		APPLICANT: Krieg et al.	
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		GROUP ART UNIT: 1648	EXAMINER: Emily M. Le

*	Patent Interference No. 105,171. Regents of the University of California Reply 4 (to Iowa's Opposition to UC Preliminary Motion 4 for Judgment). October 15, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Reply 5 (to Iowa's Opposition to UC Preliminary Motion 5 for Judgment). October 15, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Reply 6 (to Iowa's opposition to UC Preliminary Motion 6 for judgment). October 15, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Reply 7 (to Iowa's Opposition to UC Preliminary Motion 7 for Benefit). October 15, 2004.	
*	Patent Interference No. 105,171. Regents of the University of California Reply 8 (to Iowa's Opposition to UC Preliminary Motion 8 to add additional claims). October 15, 2004.	
*	Patent Interference No. 105,171. Decision on Motion under 37 CFR §41.125. March 10, 2005.	
*	Patent Interference No. 105,171. Judgment and Order. March 10, 2005.	
*	Patent Interference No. 105,171. Regents of the University of California. Brief of Appellant. July 5, 2005.	
*	Patent Interference No. 105,171. University of Iowa and Coley Pharmaceutical Group, Inc. Brief of Appellees. August 17, 2005.	
*	Patent Interference No. 105,171. Regents of the University of California. Reply Brief of Appellant. September 6, 2005.	
*	Patent Interference No. 105,171. Regents of the University of California. Decision of CAFC. July 17, 2006.	
*	Patent Interference No. 105,526. Krieg Substantive Motion 1 (for unpatentability based on interference estoppel). (Electronically filed, unsigned).	
*	Patent Interference No. 105,526.. Krieg Substantive Motion 2 (for judgment based on inadequate written description and/or enablement). (Electronically filed, unsigned). June 18, 2007.	
*	Patent Interference No. 105,526. Krieg Contingent Responsive Motion (to add new claims 104 and 105). (Electronically filed, unsigned). July 25, 2007.	
*	Patent Interference No. 105,526. Krieg Substantive Motion 3 (for judgment based on prior art). (Electronically filed, unsigned). June 18, 2007.	
*	Patent Interference No. 105,526. Raz Motion 1 (Unpatentability of Krieg Claims under 35 U.S.C. § 112, First Paragraph). (Electronically filed, unsigned). June 18, 2007.	
*	Patent Interference No. 105,526. Raz Motion 2 (Raising a Threshold Issue of No Interference-in-Fact). (Electronically filed, unsigned). June 18, 2007.	
*	Patent Interference No. 105,526.. Raz Motion 3 (Krieg's Claims are Unpatentable Over Prior Art Under 35 U.S.C. § 102(b)) (Electronically filed, unsigned). June 18, 2007.	
*	Patent Interference No. 105,526. Raz Motion 4 (To Designate Krieg Claims 46 and 82-84 as Corresponding to Count 1). (Electronically filed, unsigned). June 18, 2007.	
*	Patent Interference No. 105,526. Raz Responsive Miscellaneous Motion 5 (To revive the Raz Parent Application) (Electronically filed, unsigned) July 25, 2007.	
*	Patent Interference No. 105,526. Raz Contingent Responsive Motion 6 (To Add a New Claim 58) (Electronically filed, unsigned) July 25, 2007.	
*	Patent Interference No. 105,526. Krieg Opposition 1 (Opposition to Motion for Lack of Enablement and Written Description) (Electronically filed, unsigned) September 10, 2007.	

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FORM PTO-1449/A and B (modified PTO/SB/08)		APPLICATION NO.: 10/627,413	ATTY. DOCKET NO.: C1039.70079US00
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE: July 25, 2003	CONFIRMATION NO.: 3204
		APPLICANT: Krieg et al.	
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		GROUP ART UNIT: 1648	EXAMINER: Emily M. Le

*	Patent Interference No. 105,526. Krieg Opposition 2 (to Raz Motion 2) (Electronically filed, unsigned) September 10, 2007.	
*	Patent Interference No. 105,526. Krieg Opposition 3 (To Raz Motion 3) (Electronically filed, unsigned) September 10, 2007.	
*	Patent Interference No. 105,526. Krieg Opposition 4 (Opposition to Motion for Designating Claims 46 and 82-84 as Corresponding to the Court) (Electronically filed, unsigned) September 10, 2007.	
*	Patent Interference No. 105,526. Krieg Opposition 6 (Opposition to Raz Contingent Responsive Motion 6) (Electronically filed, unsigned) September 10, 2007.	
*	Patent Interference No. 105,526. Raz Opposition 1 (Opposing Krieg Substantive Motion 1) (Electronically filed, unsigned) September 10, 2007.	
*	Patent Interference No. 105,526. Raz Opposition 2 (Opposing Krieg Substantive Motion 2) (Electronically filed, unsigned) September 10, 2007.	
*	Patent Interference No. 105,526. Raz Opposition 4 (Opposing Krieg Contingent Responsive Motion to Add New Claims 104 and 105) (Electronically filed, unsigned) September 10, 2007.	
*	Patent Interference No. 105,526. Krieg Reply 1 (Reply to Raz opposition 1) October 5, 2007.	
*	Patent Interference No. 105,526. Krieg Reply 2 (Reply to Raz opposition 2) October 5, 2007.	
*	Patent Interference No. 105,526. Krieg Reply 4 (Reply to Raz opposition 4) October 5, 2007.	
*	Patent Interference No. 105,526. Raz Reply 1 (Reply to Krieg opposition 1) October 5, 2007.	
*	Patent Interference No. 105,526. Raz Reply 2 (Reply to Krieg opposition 2) October 5, 2007.	
*	Patent Interference No. 105,526. Raz Reply 3 (Reply to Krieg opposition 3) October 5, 2007.	
*	Patent Interference No. 105,526. Raz Reply 4 (Reply to Krieg opposition 4) October 5, 2007.	
*	Patent Interference No. 105,526. Raz Reply 6 (Reply to Krieg opposition 6) October 5, 2007.	
*	Patent Interference No. 105,526. Krieg Miscellaneous Motion 5 (To exclude exhibits 2066, 2070, 2071, 2072, 2073, 2074, 2075, 2076 and 2078) October 9, 2007.	
*	Patent Interference No. 105,526. Raz Opposition 5 (Opposing Krieg Miscellaneous Motion 5) October 25, 2007.	
*	Patent Interference No. 105,526. Raz Miscellaneous Motion 7 (To exclude evidence) October 19, 2007.	
*	Patent Interference No. 105,526. Krieg Opposition 7 (To Raz Miscellaneous Motion 7) October 25, 2007.	
*	Patent Interference No. 105,526. Krieg Reply 5 (Reply to Raz opposition 5) October 30, 2007.	
*	Patent Interference No. 105,526. Raz Reply 7 (Reply to Krieg opposition 7) October 30, 2007.	

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. 09/630,319, filed July 31, 2000 and/or 10/187,489, filed July 2, 2002, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

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